



COMMONWEALTH OF PUERTO RICO  
MENTAL HEALTH AND ANTI-ADDICTION ADMINISTRATION  
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## ASSMCA SYSTEM DEVELOPMENT PROJECT

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### Stages of Project

- Need Assessments
- Information Requirements Analysis
- Databases Design and System Development
- System Implementation
- Post-Implementation Processes

## Stage I - Need Assessments

- Collect data required by:
  - Federal Government Agencies, such as: SAMHSA, CSAT, CSAP, CMHSA
  - State Government Agencies, such as: P.R. Government Budget and Management Office, Department of Health, Drug Control Office, Department of Justice
  - ASSMCA Organization Levels for purpose of Management Decision-making, Planning Analysis, Agency Operational Processes
  - Private Organizations, such as: Non-Governmental Organizations, Universities or General Public
- Standardization of Operational and Administrative Data Collection Instruments

## Stage II - Information Requirement Analysis

- Current System Data Flow Diagram
  - Standardized Instruments for Operational and Administrative Data Collection
  - Operational and Administrative Personnel Interviews
    - Identify problems, opportunities and objectives.
- Recommended System Data Flow Diagrams

Databases using  
Standardized Instruments for  
Administrative Data Collection  
(Short Term)

Databases using  
Standardized Instruments for  
Operational Data Collection  
(Long Term)

## Stage III - Database Design and System Development

- Development Tools Selection
- Database Structure Design
- System Development
- Definition of Users Access Levels

## Stage IV – System Implementation

- Telecommunications and Computerized Equipment Installation and Testing
- System, Modules and User Access Installation and Testing
- Users Training
- Database Population

## Stage V – Post-Implementation

- Generation of Required Reports for Federal and State Agencies and Private Organizations
- System Development Life Cycle (SDLC)
  - Responses to Federal and State Agencies' or Private Entities' requirements or regulatory changes, or new specifications

## Questions or Suggestions:

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